



sagnac phase (sweep or swept)

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KS Abedin, M Hyodo, N Onodera - Electron. Lett, 1993 - ieeexplore.ieee.org

... we report a novel use for a **Sagnac** interferometer (SI ... An 8GE-bandwidth LiNbO<sub>3</sub> electro-optic **phase** modulator (UTP ... 100 ITIS) by using the frequency **sweep** mode. ...

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CS Kim, F Farokhrooz, U Sharma, JU Kang - Lasers and Electro-Optics, 2004.(CLEO). Conference on, 2004 - ieeexplore.ieee.org

... as **sweep** range of the optical frequency, frequency **sweep** speed etc ... of envelop filter by changing the **phase** difference with ... m of unpumped EDF in a **Sagnac** loop to ...

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Z Cole, R Krishna Mohan - Journal of Luminescence, 2004 - Elsevier

... interferometer architecture [9]) and 40 dB (**Sagnac** fiber loop ... to 10.6 GHz with a maximum **sweep** rate of ... technique by injecting **swept** cw **phase** modulated light ...

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[... of chromatic dispersion and length of optical fiber using a Sagnac interferometer employing an ...](#) - group of 2 »

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... We have recently demonstrated a use of a **Sagnac** interferometer (SI) that employs a **phase** modulator ... scanning time: 100 ms) by using the frequency **sweep**-mode ...

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[TIME-RESOLVED NONLINEAR COMPLEX SENSITIVITY MEASURING INSTRUMENT](#)

K MISAWA, F INUZUKA, H LANG - EP Patent 1,541,992, 2005 - freepatentsonline.com  
... and probe lights which are output from the polarized light splitting **Sagnac** type  
interference light path is **swept** by a **phase** difference **sweep** mechanism (9 ...  
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- [Noncontact fiber optic vibrometer - group of 4 »](#)  
PG Davis, J Bush - Proceedings of SPIE, 2003 - optiphase.com  
... reproducible to within 0.5 dB from **sweep** to **sweep**. ... Neither the **Sagnac** frequency  
response  
nor the Optiphase Inc ...  $v \tau < 0.5$ , the optical **phase** will track linearly ...  
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[Measurement of chromatic dispersion in optical fibres using a common path  
polarisation ... - group of 3 »](#)

- KS Abedin, F Kubota - Circuits, Devices and Systems, IEE Proceedings [see also IEE ...,  
2003 - ieeexplore.ieee.org  
... recently proposed method uses a ring-type **Sagnac** interferometer (SI ... in one direction,  
a considerable amount of **phase** modulation could ... The **sweep** period was 100ms ...  
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- M Rosenbluh, RM Shelby - Physical Review Letters, 1991 - APS  
... demonstrate soliton squeezing is a nonlinear **Sagnac** interferometer, first ... bandwidth  
was 30 Hz, and the **sweep** time was ... **phase**, or by maintaining the **phase** in the ...  
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F Riehle, T Kisters, A Witte, J Helmcke, CJ Bordé - Physical Review Letters, 1991 - APS  
 ... m hk)T/MI is twice the area swept by the ... the interferometer, this will lead to the total phase shift AO ... which is the classical result for the Sagnac phase in a ...

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[Dispersion Compensation With Phase-Sensitive Optical Amplifiers - group of 5 »](#)

PSO Amplifiers - JOURNAL OF LIGHTWAVE TECHNOLOGY, 1994 - ieeexplore.ieee.org  
 ... Phase-Sensitive Optical Amplifiers ... In our scheme, linear loss in the fiber is balanced by a chain of periodically spaced, phase-sensitive optical amplifiers. ...

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[Birefringence and polarization effects in fiber gyroscopes - group of 8 »](#)

GA Pavlath, HJ SHAW - Applied Optics, 1982 - OSA  
 ... As the rotation rate was swept through an appropriate range, an electrical fringe pattern of detected intensity vs Sagnac phase shift was traced on the storage ...

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PT Beyersdorf, MM Fejer, RL Byer - Opt. Lett, 1999 - OSA

... nated the polarization Sagnac interferometer with a 300-mW diode-pumped Nd:YAG laser (Lightwave Electronics Model 122). A swept-frequency phase modulation ...

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[Femtosecond Sagnac interferometer for phase spectroscopy - group of 5 »](#)

K Misawa, T Kobayashi - Opt. Lett, 1995 - OSA

... us a new possibility for time-resolved phase spectroscopy. ... the white continuum light, we must sweep the delay ... high stability we used a Sagnac interferometer ...

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Optical **phase**-sensitive amplification using two **phase**-locked lightsources - group of 3 »

W Imajuku, A Takada - Electronics Letters, 1997 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

... power level without pump **phase** difference (**Sweep** time) ELECTRONICS ... inserted into the nonlin- ear **Sagnac** interferometer. The **phase** of the beat note is compared ...

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... we report a novel use for a **Sagnac** interferometer (SI ... An 8GE:-bandwidth LiNbO<sub>3</sub> electro-optic **phase** modulator (UTP ... 100 ITIS) by using the fre- quency **sweep** mode. ...

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Electro-optic wavelength-tunable fiber ring laser based on cascaded composite **Sagnac** loop filters - group of 6 »

CS Kim, FN Farokhrooz, JU Kang - Optics Letters, 2004 - OSA

... Fig. 1. (a) Schematic setup of the wavelength-**swept** laser. (b) Tuning characteristics of a **Sagnac** loop envelope filter of DI 32 nm when the **phase** difference is ...

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L1	679	heterodyn\$ and ((tunab\$5 or adjustab\$5) near3 laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 09:13
L2	799	wavemeter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 09:13
L3	18	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 09:15
L4	15	3 and calibrat\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 09:18
L5	3091428	gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 09:18
L6	6	4 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 09:18
L7	1242397	pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 09:18
L8	10	4 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 09:22

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L9	2	sweepmeter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 09:22
L10	0	4 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 09:22
L11	316891	polariz\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 09:23
L12	10	4 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 09:23
L13	23915	(polariz\$ near2 scrambl\$) or depolariz\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 09:24
L15	96	356/483.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 11:14
L17	800	356/459-466.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 09:58
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L19	19663	waveplate or (wave adj plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 10:01
L20	23	18 and 19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 10:53
L21	991	sagnac and polariz\$ and phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 10:54
L22	186030	(sweep\$ or swept or modulate) and phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 11:15
L23	31887	(sweep\$ or swept or modulate) with phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 10:55
L24	184	21 and 23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 10:55
L25	2	(sweep\$4 or swept) and sagnac and polariz\$ and (phase near3 difference).clm.	US-PGPUB	OR	ON	2007/03/19 10:56
L26	350	(misawa or inuzuka or (lang and hiroyoshi)).in.	US-PGPUB	OR	ON	2007/03/19 10:57
L27	1	26 and sagnac	US-PGPUB	OR	ON	2007/03/19 10:57
L28	2186	((385/12) or (250/227.19,227.27) or (483/12)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 11:15

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L29	101	23 and 28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 11:15
S1	7	(slit and interfer\$7 and spectral\$5 and sample and band and wavelengths).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 21:59
S2	3	("20040264981").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/17 22:01
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